



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/680,662

10/07/2003

Ravi Kuchibhotla

CS23283RL

5428

20280

7590

10/17/2006

MOTOROLA INC  
600 NORTH US HIGHWAY 45  
ROOM AS437  
LIBERTYVILLE, IL 60048-5343

EXAMINER

LESNIEWSKI, VICTOR D

ART UNIT

PAPER NUMBER

2152

DATE MAILED: 10/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/680,662	KUCHIBHOTLA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Victor Lesniewski	2152	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 31 July 2006.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-39 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. The amendment filed 7/31/2006 has been placed of record in the file.
2. No claims have been amended.
3. Claims 1-39 are now pending.
4. The applicant's arguments with respect to claims 1-39 have been fully considered but they are not persuasive. A detailed discussion is set forth below.

### ***Claim Rejections***

5. Claims 1-39 remain rejected under 35 U.S.C. 102(e) as being anticipated, or in the alternative, under 35 U.S.C. 103(a) as being unpatentable over Mildh et al. (U.S. Patent Application Publication Number 2002/0193139), hereinafter referred to as Mildh.
6. Claims 1-39 remain rejected under 35 U.S.C. 102(e) as being anticipated, or in the alternative, under 35 U.S.C. 103(a) as being unpatentable over Kauranen et al. (U.S. Patent Application Publication Number 2004/0162077), hereinafter referred to as Kauranen.

### ***Response to Arguments***

7. In the remarks, the applicant has argued:
  - <Argument 1>  
Mildh does not disclose the features of claim 1 because he does not disclose "transmitting an uplink signaling message on the radio connection, the uplink signaling message including a core network operator identifier" as recited in claim 1.

- <Argument 2>

Kauranen does not disclose the features of claim 1 because he does not disclose “transmitting an uplink signaling message on the radio connection, the uplink signaling message including a core network operator identifier” as recited in claim 1.

8. In response to argument 1, Mildh does disclose the transmitting an uplink signaling message step as recited in claim 1. The previous citations to paragraphs 8 and 33 show that the mobile station acquires control information which is needed in effectuating communication from the mobile device to the core network. This control information is used whenever data is sent from the mobile station through the network in order to allow for routing on the appropriate registered network. For further information, the applicant is also directed to paragraph 15. It is also noted that the applicant has not addressed the citations in the previous rejection, but has only generally alleged that the claims define a patentable invention without specifically pointing out how the language of the claims patentably distinguishes them from the references.

9. In response to argument 2, Kauranen does disclose the transmitting an uplink signaling message step as recited in claim 1. The previous citation to paragraph 17 shows that once a core network has registered the user, the user receives service just as in a single operator network (ie. all of the user’s subsequent communications are routed through this core network). Once the system makes the mobile terminal aware of the core network to be utilized (in a downlink direct transfer for example), then the terminal utilizes this information in communicating with the appropriate core network. For further information, the applicant is also directed to paragraph 44. It is also noted that the applicant has not addressed the citations in the previous rejection, but has

only generally alleged that the claims define a patentable invention without specifically pointing out how the language of the claims patentably distinguishes them from the references.

10. In addition, the applicant has argued that claims rejected under 35 U.S.C. 102 and 35 U.S.C. 103, but not explicitly discussed, are allowable based on the above arguments. Thus, claims disclosing similar limitations to the discussed claims and related dependent claims remain rejected under the same reasoning as presented above.

### *Conclusion*

11. **THIS ACTION IS MADE FINAL.** The applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

12. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Victor Lesniewski whose telephone number is 571-272-3987. The examiner can normally be reached on Monday through Thursday.

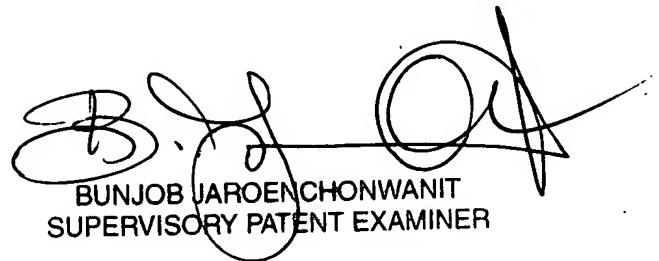
Art Unit: 2152

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Victor Lesniewski  
Patent Examiner  
Group Art Unit 2152



BUNJOB JAROENCHONWANIT  
SUPERVISORY PATENT EXAMINER